

ABSTRACT

There is disclosed an internal combustion engine carburetor fuel/air circuit air bleed input control device having an air distribution block, at least one air input port and one or
5 more air output ports connected with the air bleed inputs of one or more carburetors. A control valve is disposed between the air input and an air flow balance chamber to which the output ports are connected. Two valves and balance chambers can provide control for carburetors having two fuel/air circuits. Optionally, an input air tube may be provided so that the source of air for the air distribution block input or inputs may be located in selected
10 locations, for example, in a carburetor air stream. Another option is to provide a remote control from, for example, the handlebars of a motorcycle.